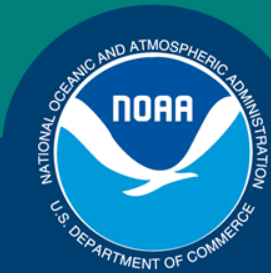


Science, Service, Stewardship



National Marine Fisheries Service

NWFSC Data Quality Status Report to FIMAC

Rich Kang, SDM Program Manager

Aug. 16, 2013

**NOAA
FISHERIES
SERVICE**



Self Consciousness
**Independence and Dependence of Self-Consciousness:
Lordship and Bondage**

SELF-CONSCIOUSNESS exists in itself and for itself, in that, and by the fact that it exists for another self-consciousness; that is to say, it *is* only by being acknowledged or “recognized”.

Hegel, The Phenomenology of Mind, 1807

Thank you for recognizing the NWFSC with a Gold Medal!



NWFSC Quality improvements in:

- People and Leadership Support
- Technology and consolidation
- Data and Application Access w/ Metadata/Protocols/documentation
- Process Improvements in Information Management for FRAM Division
- Team Learning within SDM



Marching onward soldiers to Data Quality

- 2000 SDM Team Formed with 2 FTE's and 1 PT Contractor
- 2002 NWFSC Salmon Database
- 2004 Pacific Coastal Salmon Coastal Salmon Fund Phase II in 2013
- 2007 Data Quality Coordinator Position established
- 2008 NWFSC Data Quality Recommendation completed
- 2009 NOAA Office Locations
- 2010 Northwest Research Project Tracking Database
Salmon Population Summary Database
FRAM Data Management Study – Samaran Report
- 2011 West Coast Catch Share IFQ launched Jan. 11, 11
- 2012 Integrated Status Effectiveness Monitoring Database
Salmon Population Surveys
- 2013 Observer Logistics/Economic Data Surveys/Permits



2007

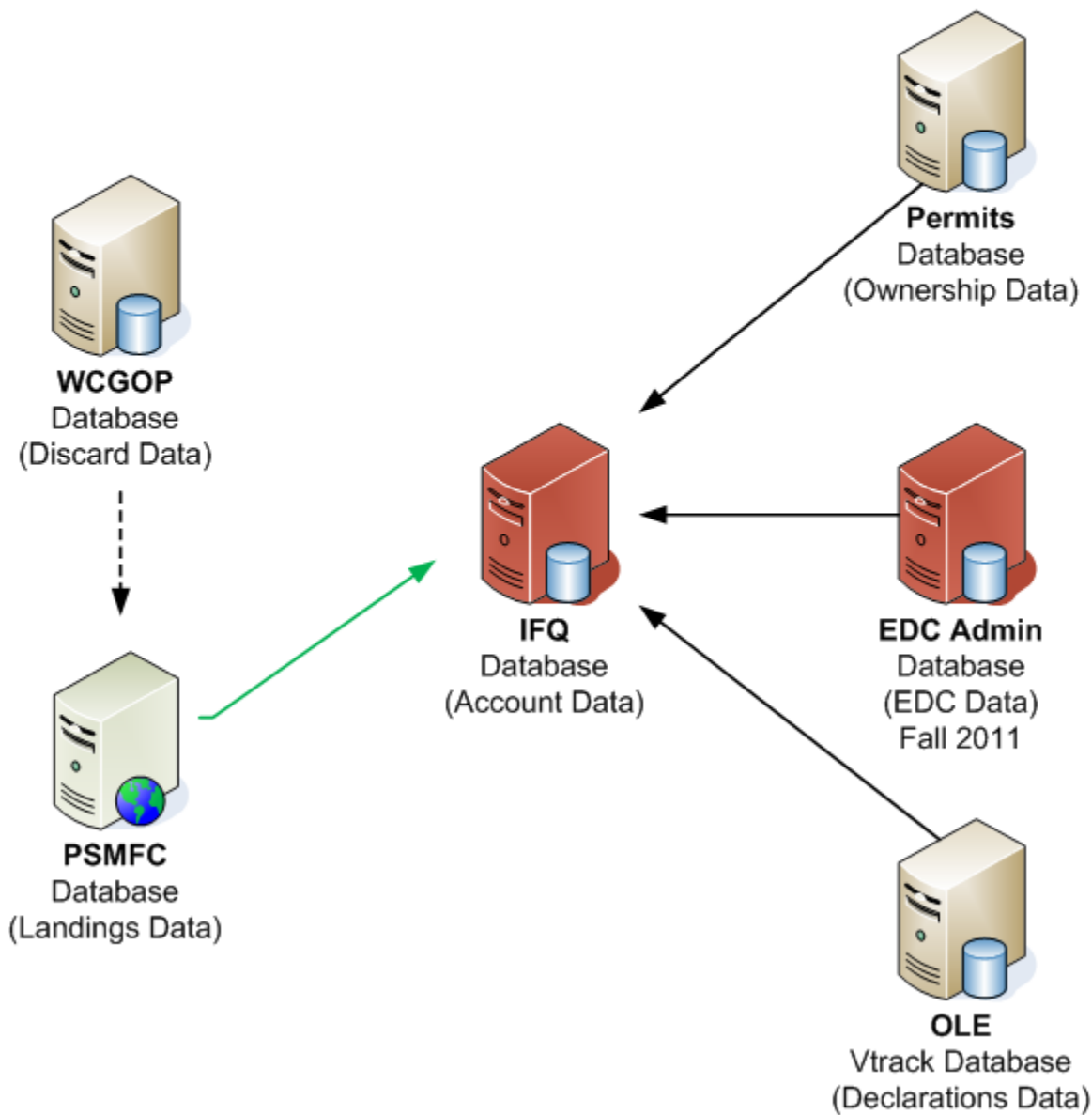
- Designated as the Center's Data Quality Assurance/Quality Control coordinator including metadata, policy procedures and guidelines, and tools and methods related to all types of data.
- Work collaboratively with Center and external data stewards to provide the best available data for Center management, scientists and external customers.
- Provide Center strategic and operational architectures and plans for scientific data quality and data assurance for all types of data.

Individual Fishing Quota (IFQ) Phase I Architecture Production 1/11/2011

Modified: 02/21/2011



Built By SDM

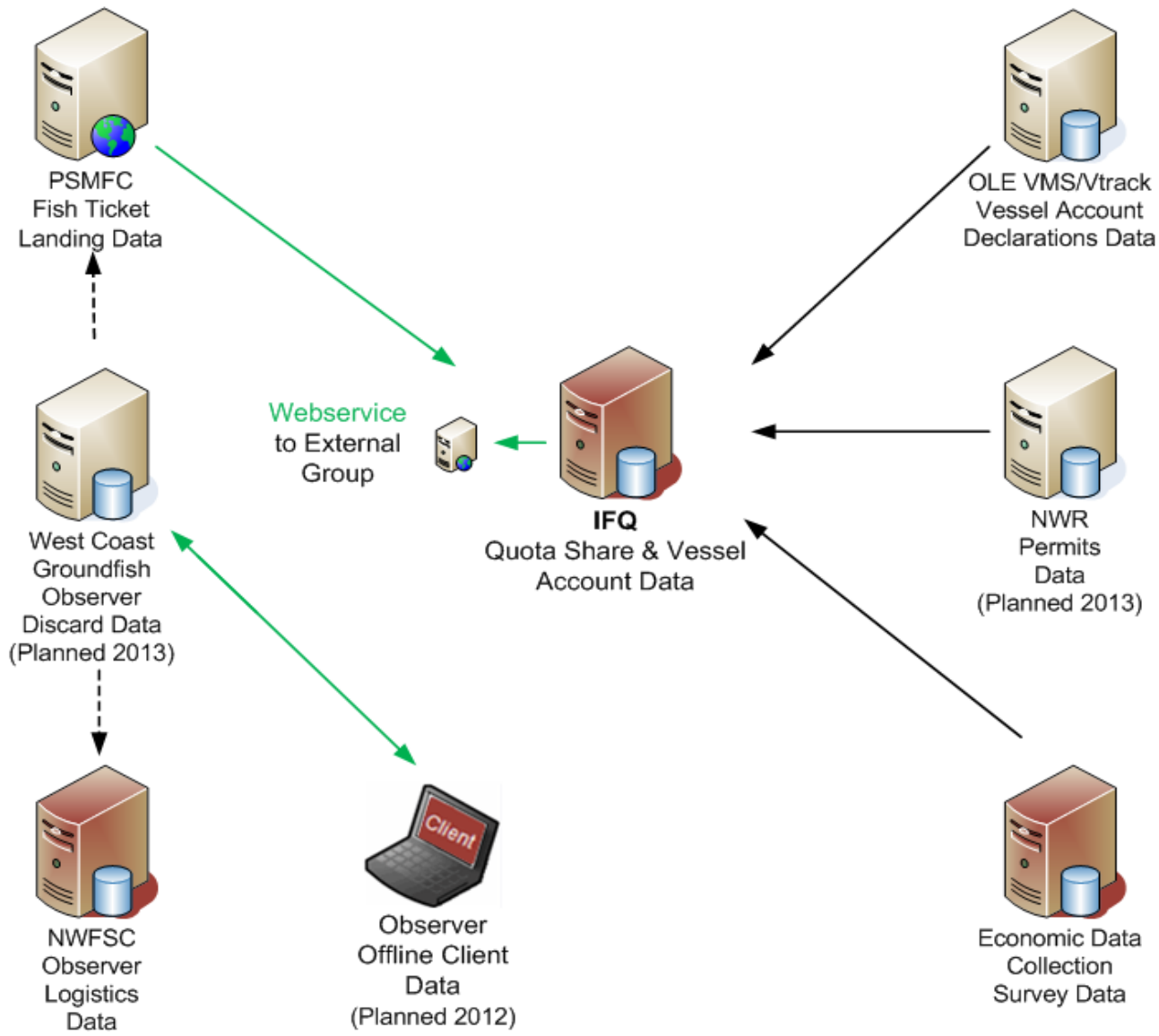


West Coast Catch Share Individual Fishing Quota (IFQ) Architecture 2012



Built By SDM

Modified: 10/12/2012

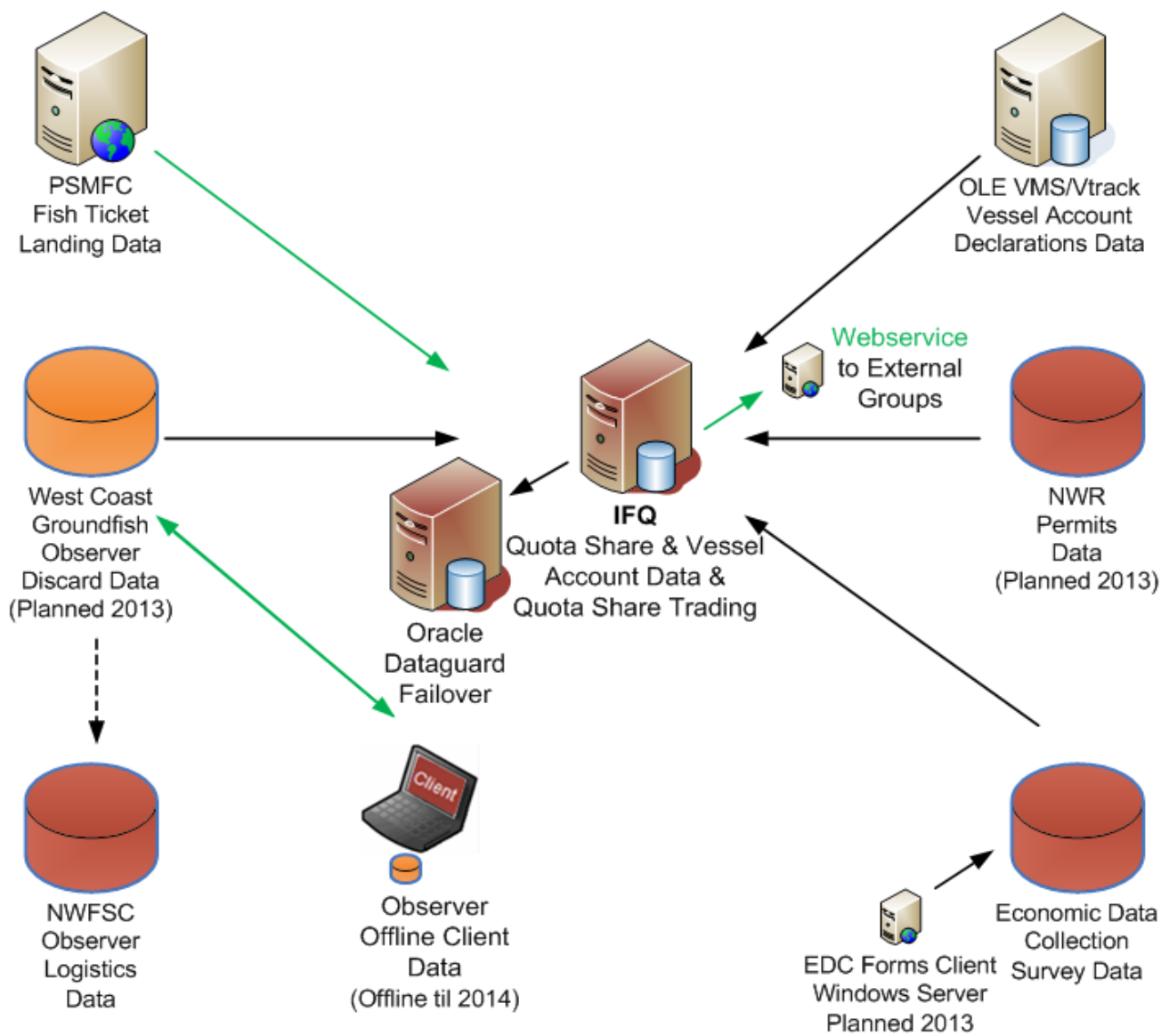


West Coast Catch Share Individual Fishing Quota (IFQ) Phase II Architecture



Built By SDM

Modified: 8/06/2013



West Coast Catch Share Individual Fishing Quota (IFQ) Phase II

Point of Contacts and Architecture

Modified: 8/06/2013



Built By SDM

Point of Contact:
Dave Colpo
503-595-3100
DColpo@psmfc.org

Alternate:
Lori Jesse
503-595-3282
LJesse@psmfc.org

Connection Type:
Webservice
Occurrence:
Nightly 11:45pm



IFQ Support

Point of Contact:
Sarah Towne
206-526-4140
Sarah.Towne@noaa.gov

Alternate:
Kevin Ford
206-526-6115
Kevin.Ford@noaa.gov

Connection Type:
Direct Connect/Webservice
Occurrence:
Nightly 11:45pm

Point of Contact:
Jeff Cowen
206-860-3413
Jeff.Cowen@noaa.gov

IFQNWR APEX Account
Support:
Robert Marsicek
206-860-3441
Rob.Marsicek@noaa.gov

Alternate:
Meredyth Malocsay (DBA)
425-922-3263
Meredyth.Malocsay@noaa.gov



OLE VMS/Vtrack
Vessel Account
Declarations Data

Point of Contact:
Steve Martin
206-526-4853
Steve.Martin@noaa.gov

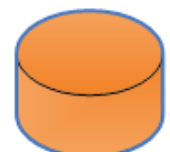
Alternate:
Joe Albert
206-526-6135
Joe.Albert@noaa.gov

Connection Type:
@DB Link
Occurrence:
Nightly 11:45pm

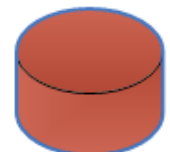
Point of Contact:
Jon McVeigh
206-327-2851
Jon.McVeigh@noaa.gov

Alternate:
Neil Riley
206-861-7607
Neil.Riley@noaa.gov

Connection Type:
Direct/Webservice
Occurrence:
Nightly 11:45pm



West Coast
Groundfish
Observer
Discard Data
(Planned 2013)



NWFS
Observer
Logistics
Data

Point of Contact:
Jim Benante
206-860-6794
JBenante@psmfc.org

Alternate:
Jon McVeigh
206-327-2851
Jon.McVeigh@noaa.gov

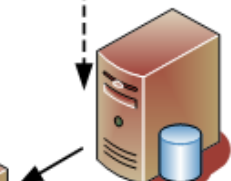
Connection Type:
Direct
Occurrence:
On Demand



Oracle
Dataguard
Failover

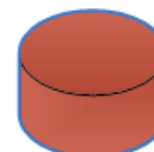


Observer
Offline Client
Data
(Offline til 2014)



IFQ
Quota Share & Vessel
Account Data &
Quota Share Trading

Webservice
to External
Groups



NWR
Permits
Data
(Planned 2013)

Point of Contact:
John Bishop
206-526-6119
John.Bishop@noaa.gov

Alternate:
Kevin Ford
206-526-6115
Kevin.Ford@noaa.gov

Connection Type:
Direct
Occurrence:
Nightly 2:00am

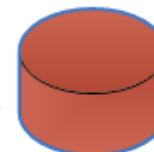
Point of Contact:
Eric Brasseur
(757) 897-9651
Eric.Brasseur@noaa.gov

Alternate:
Jon McVeigh
206-327-2851
Jon.McVeigh@noaa.gov

Connection Type:
Webservice
Occurrence:
On Demand



EDC Forms Client
Windows Server
Planned 2013



Economic Data
Collection
Survey Data

Point of Contact:
Erin Steiner
206-860-3202
Erin.Steiner@noaa.gov

Alternate:
Todd Lee
206-302-2436
Todd.Lee@noaa.gov

Connection Type:
Direct
Occurrence:
On Demand

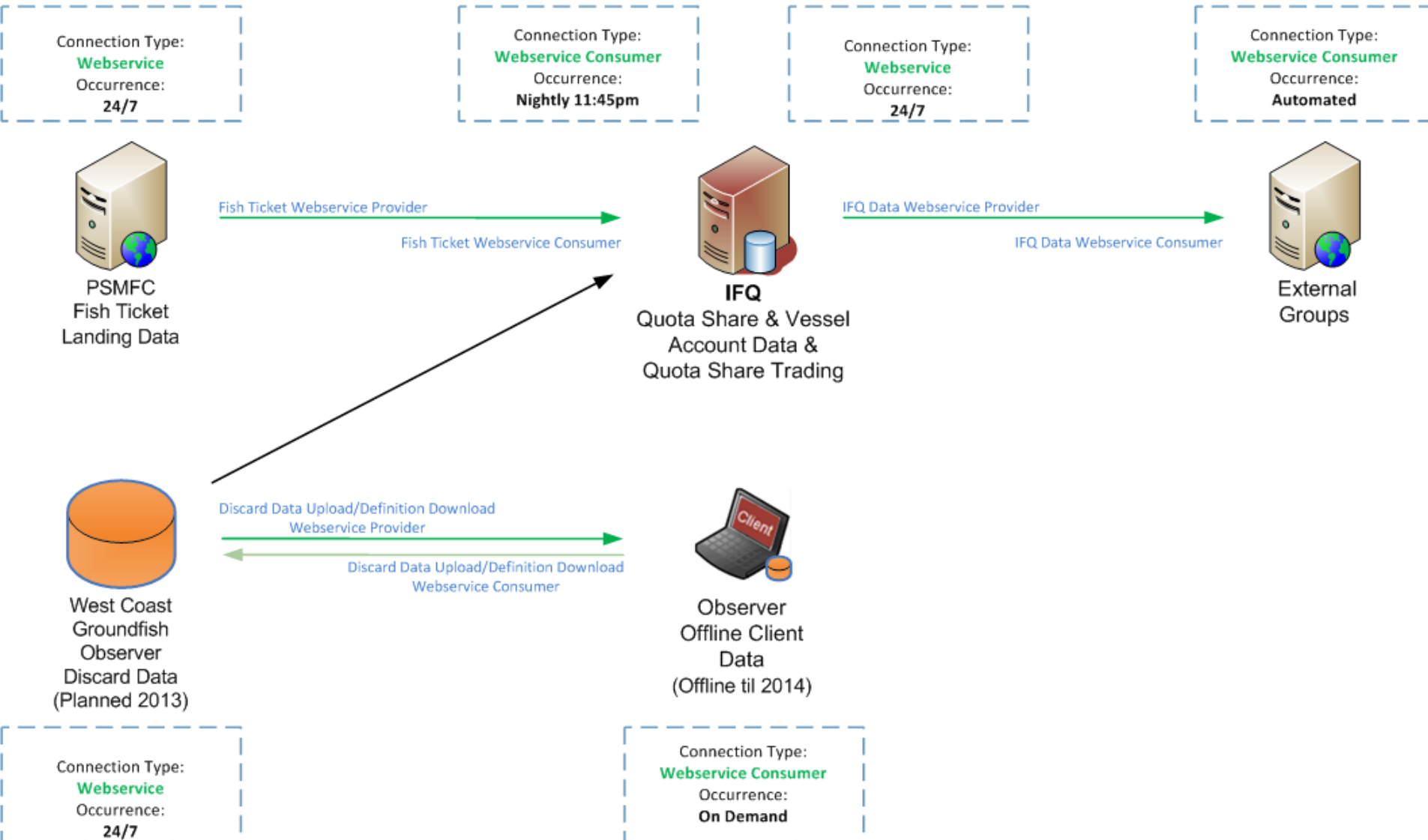
West Coast Catch Share Individual Fishing Quota (IFQ) Phase II

Web Service Providers and Consumers Architecture

Modified: 8/06/2013



Built By SDM





Next Steps

NWRO

- Implement NWRO Permits Database, Jan. 1, 2014
- Develop Phase II Quota Share Trading, Jan. 1, 2014

FRAM Division

- Implement Electronic Reporting of Economic Data Survey Collections
- Re-engineer Trawl Survey Database with biological, acoustics, trawl surveys in a Data Warehouse?
- Redesign and rennovate Observer Database and Client
- FIS Quality PSG - Observer Discard issues by 2014
- Moore Foundation Strategic review and recommendations (?)

NWFSC

- Pilot NWFSC Data Management Plan Draft, Feb. 1, 2014
- NOAA Format and Expanded DMP template adopted
- Survey NWFSC Metadata inventory for detailed data and next steps